

In the Abstract

Please amend the Abstract as shown below:

ABSTRACT

~~The invention relates to a~~ A pump comprising having: a cavity formed inside an insulating substrate, the upper part of the substrate being situated near the cavity comprising having an edge; a conductive layer covering the inside of the cavity up to the edge and optionally covering the edge itself; a flexible membrane made of a conductive material placed above the cavity and resting against the edge; a dielectric layer covering the conductive layer or the membrane whereby insulating the portions of the conductive layer and of the membrane that are near one another; at least one aeration line formed in the insulating substrate that opens into the cavity via an opening in the conductive layer, and; terminals for applying a voltage between the conductive layer and the membrane.